Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

| | | |
|---|---|---|
| NEWS 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS 2 | DEC 01 | ChemPort single article sales feature unavailable |
| NEWS 3 | APR 03 | CAS coverage of exemplified prophetic substances enhanced |
| NEWS 4 | APR 07 | STN is raising the limits on saved answers |
| NEWS 5 | APR 24 | CA/CAplus now has more comprehensive patent assignee information |
| NEWS 6 | APR 26 | USPATFULL and USPAT2 enhanced with patent assignment/reassignment information |
| NEWS 7 | APR 28 | CAS patent authority coverage expanded |
| NEWS 8 | APR 28 | ENCOMPLIT/ENCOMPLIT2 search fields enhanced |
| NEWS 9 | APR 28 | Limits doubled for structure searching in CAS REGISTRY |
| NEWS 10 | MAY 08 | STN Express, Version 8.4, now available |
| NEWS 11 | MAY 11 | STN on the Web enhanced |
| NEWS 12 | MAY 11 | BEILSTEIN substance information now available on STN Easy |
| NEWS 13 | MAY 14 | DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format |
| NEWS 14 | MAY 15 | INPADOCDB and INPAFAMDB enhanced with Chinese legal status data |
| NEWS 15 | MAY 28 | CAS databases on STN enhanced with NANO super role in records back to 1992 |
| NEWS 16 | JUN 01 | CAS REGISTRY Source of Registration (SR) searching enhanced on STN |

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.



* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 07:09:00 ON 17 JUN 2009

```
=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.22       0.22

FILE 'REGISTRY' ENTERED AT 07:09:22 ON 17 JUN 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   15 JUN 2009  HIGHEST RN 1158168-92-3
DICTIONARY FILE UPDATES:  15 JUN 2009  HIGHEST RN 1158168-92-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.48       0.70

 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:09:31 ON 17 JUN 2009

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 07:11:44 ON 17 JUN 2009
FILE 'REGISTRY' ENTERED AT 07:11:44 ON 17 JUN 2009
COPYRIGHT (C) 2009 American Chemical Society (ACS)

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.48       0.70

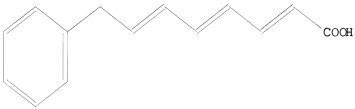
=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10025947\10025947 ocatrinoic 1.str
```

chain nodes :
2 3 4 5 6 7 8 14
ring nodes :
1 9 10 11 12 13
chain bonds :
1-2 2-3 3-4 4-5 5-6 6-7 7-8 8-14
ring bonds :
1-9 1-13 9-10 10-11 11-12 12-13
exact bonds :
1-2 2-3 3-4 4-5 5-6 6-7 7-8 8-14
normalized bonds :
1-9 1-13 9-10 10-11 11-12 12-13

Match level :
1:Atom 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR




Structure attributes must be viewed using STN Express query preparation.

=> search l1 exact full
FULL SEARCH INITIATED 07:12:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L2 0 SEA EXA FUL L1

=> search l1 sss sam
SAMPLE SEARCH INITIATED 07:12:48 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 21 TO ITERATE

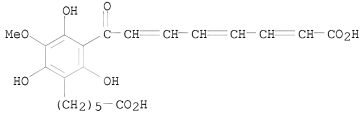
```
100.0% PROCESSED       21 ITERATIONS                              1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:          146 TO      694
PROJECTED ANSWERS:               1 TO       80

L3            1 SEA SSS SAM L1

=> d scan

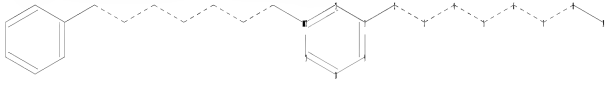
L3   1 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   Benzenehexanoic acid, 3-(7-carboxy-1-oxo-2,4,6-heptatrienyl)-2,4,6-
     trihydroxy-5-methoxy-
MF   C21 H24 O9
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


ALL ANSWERS HAVE BEEN SCANNED


=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10025947\10025947 2nd ocatrinoic.str
```



```
chain nodes :
2  3  4  5  6  7  8  14
ring nodes :
1  9  10  11  12  13
chain bonds :
1-2  2-3  3-4  4-5  5-6  6-7  7-8  8-14
ring bonds :
1-9  1-13  9-10  10-11  11-12  12-13
exact/norm bonds :
2-3  3-4  4-5  5-6  6-7  7-8
exact bonds :
1-2  8-14
normalized bonds :
1-9  1-13  9-10  10-11  11-12  12-13
```

```
Hydrogen count :
9:>= minimum 0  10:>= minimum 1  11:>= minimum 1  12:>= minimum 1  13:>= minimum 1
Match level :
1:Atom  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:Atom
10:Atom  11:Atom  12:Atom  13:Atom  14:CLASS



L4      STRUCTURE UPLOADED

=> d 14
L4 HAS NO ANSWERS
L4              STR
```


```
Structure attributes must be viewed using STN Express query preparation.


=> search l4 sss sam
SAMPLE SEARCH INITIATED 07:16:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     7020 TO ITERATE

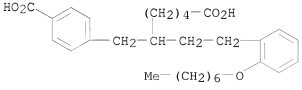
 28.5% PROCESSED     2000 ITERATIONS                                 12 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       135377 TO   145423
PROJECTED ANSWERS:             453 TO     1231

L5           12 SEA SSS SAM L4

=> d scan

L5   12 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   Benzeneoctanoic acid, ε-[(4-carboxyphenyl)methyl]-2-(heptyloxy)-
MF   C29 H40 O5
```

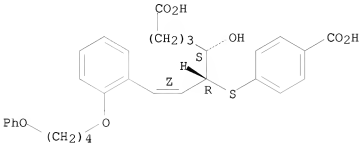



```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
```

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):12

L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzoic acid, 4-[[5-carboxy-2-hydroxy-1-[2-[2-(4-phenoxybutoxy)phenyl]ethenyl]pentyl]thio]-, [R-[R*,S*-(Z)]]- (9CI)
MF C31 H34 O7 S

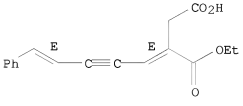
Absolute stereochemistry.
Double bond geometry as shown.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Butanedioic acid, 2-[(4E)-5-phenyl-4-penten-2-yn-1-ylidene]-, 1-ethyl ester, (2E)-
MF C17 H16 O4

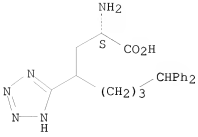
Double bond geometry as shown.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2H-Tetrazole-5-butanoic acid, α-amino-γ-(4,4-diphenylbutyl)-, (αS)-
MF C21 H25 N5 O2

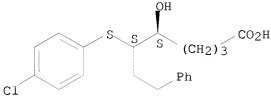
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

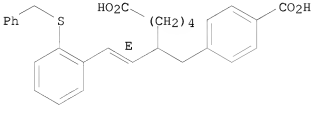
L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, ε-[(4-chlorophenyl)thio]-δ-hydroxy-, sodium salt (1:1), (δR,εR)-rel-
MF C20 H23 Cl O3 S . Na

Relative stereochemistry.



L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneheptanoic acid, 4-carboxy-ε-[(1E)-2-[2-[(phenylmethyl)thio]phenyl]ethenyl]-
MF C29 H30 O4 S

Double bond geometry as shown.

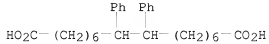


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

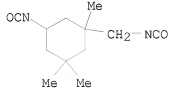
L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 8,9-diphenyl-, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, 1,2-ethanediol and

5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane (9CI)
MF (C28 H38 O4 . C12 H18 N2 O2 . C10 H22 N2 . C2 H6 O2)x
CI PMS

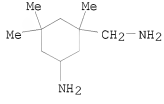
CM 1



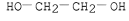
CM 2



CM 3

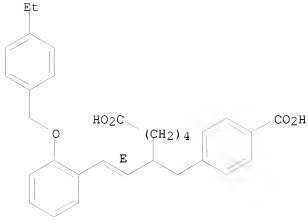


CM 4



L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneheptanoic acid, 4-carboxy-ε-[(1E)-2-[2-[(4-ethylphenyl)methoxy]phenyl]ethenyl]-
MF C31 H34 O5

Double bond geometry as shown.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

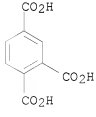
L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,2,4-Benzenetricarboxylic acid, polymer with 1,3-benzenedicarboxylic acid, 1,4-benzenedicarboxylic acid, Coronate L, 2,2-dimethyl-1,3-propanediol, 8,9-diphenylhexadecanedioic acid and 1,2-ethanediol (9CI)
MF (C28 H38 O4 . C9 H6 O6 . C8 H6 O4 . C8 H6 O4 . C5 H12 O2 . C2 H6 O2 . Unspecified)x
CI PMS

CM 1

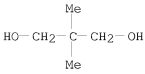

CM 2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

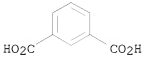
CM 3



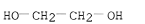

CM 4



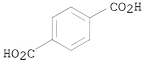
CM 5



CM 6

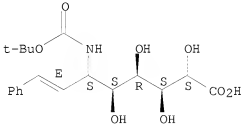


CM 7



L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-glycero-L-gulo-Oct-7-enonic acid,
6,7,8-trideoxy-6-[[(1,1-dimethylethoxy)carbonyl]amino]-8-phenyl-, (7E)-
MF C19 H27 N O8

Absolute stereochemistry.
Double bond geometry as shown.

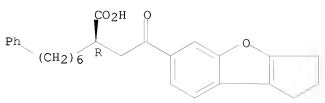


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Cyclopenta[b]benzofuran-6-butanoic acid,
2,3-dihydro-γ-oxo-α-(6-phenylhexyl)-, (αR)-

MF C27 H30 O4

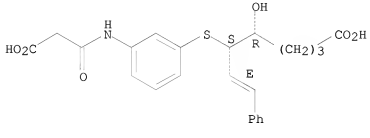
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L5 12 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octenoic acid, 6-[[3-[(2-carboxyacetyl)amino]phenyl]thio]-5-hydroxy-8-phenyl-, sodium salt (1:2), (5R,6S,7E)-rel-
MF C23 H25 N O6 S . 2 Na

Relative stereochemistry.
Double bond geometry as shown.



●2 Na

ALL ANSWERS HAVE BEEN SCANNED

=> e Butanedioic acid, 2-((4E)-5-phenyl-4-penten-2-yn-1-ylidene)-, 1-ethyl/cn
E1 1 BUTANEDIOIC ACID, 2-((4AR,8AS)-DECAHYDRO-2-NAPHTHALENYL)-, REL-/CN
E2 1 BUTANEDIOIC ACID, 2-((4AS,7AS)-1,4A,5,7A-TETRAHYDRO-7-(HYDROXYMETHYL)-4-(METHOXYCARBONYL)-2H-CYCLOPENTA(C)PYRIDIN-2-YL)-, 1,4-DIMETHYL ESTER, (2S)-/CN
E3 0 --> BUTANEDIOIC ACID, 2-((4E)-5-PHENYL-4-PENTEN-2-YN-1-YLIDENE)-, 1-ETHYL/CN
E4 1 BUTANEDIOIC ACID, 2-((4E)-5-PHENYL-4-PENTEN-2-YN-1-YLIDENE)-, 1-ETHYL ESTER, (2E)-/CN
E5 1 BUTANEDIOIC ACID, 2-((4R)-4-(((1,1-DIMETHYLETHOXY)CARBONYL)AMINO)-1-OXA-2-AZASPIRO(2.5)OCT-2-YL)-, 1,4-DIMETHYL ESTER, (2S)-/CN
E6 1 BUTANEDIOIC ACID, 2-((4R)-4-CARBOXYHEXAHYDRO-7-HYDROXY-2-OXO-1,5-DIAZOCIN-1(2H)-YL)-, (2S)-/CN
E7 1 BUTANEDIOIC ACID, 2-((4R,4AS,7AS)-1,3,4,4A,5,7A-HEXAHYDRO-7-

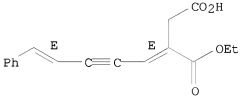
```
                    (HYDROXYMETHYL)-4-(METHOXYCARBONYL)-2H-CYCLOPENTA(C)PYRIDIN-
                    2-YL)-, 1,4-DIMETHYL ESTER, (2S)-/CN
E8              1   BUTANEDIOIC ACID, 2-((4R,5R)-6-(3,4-DICHLOROPHENYL)-5-(2-FLU
                    ORO(1,1'-BIPHENYL)-4-YL)-4-METHYL-2-OXOHEXYL)-, (2S)-/CN
E9              1   BUTANEDIOIC ACID, 2-((4R,5R,6E)-5-((3,4-DICHLOROPHENYL)METHY
                    L)-4-METHYL-7-(2-NAPHTHALENYL)-2-OXO-6-HEPTEN-1-YL)-, (2S)-/
                    CN
E10             1   BUTANEDIOIC ACID, 2-((4S)-4-(((1,1-DIMETHYLETHOXY)CARBONYL)A
                    MINO)-1-OXA-2-AZASPIRO(2.5)OCT-2-YL)-, 1,4-DIMETHYL ESTER, (
                    2S)-/CN
E11             1   BUTANEDIOIC ACID, 2-((4S)-4-(ETHOXYCARBONYL)-2-THIAZOLIDINYL
                    IDENE)-3-OXO-, 1,4-DIETHYL ESTER, (2Z)-/CN
E12             1   BUTANEDIOIC ACID, 2-((4S)-4-METHYL-2,5-DIOXO-1-IMIDAZOLIDINY
                    L)-3-(PHENYLMETHYL)-, DIMETHYL ESTER/CN

=> e4
L6              1 "BUTANEDIOIC ACID, 2-((4E)-5-PHENYL-4-PENTEN-2-YN-1-YLIDENE)-,
                  1-ETHYL ESTER, (2E)-"/CN

=> d l6

L6   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2009 ACS on STN
RN   501098-97-1  REGISTRY
ED   Entered STN:  01 Apr 2003
CN   Butanedioic acid, 2-[(4E)-5-phenyl-4-penten-2-yn-1-ylidene]-, 1-ethyl
     ester, (2E)-  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Butanedioic acid, [(4E)-5-phenyl-4-penten-2-ynylidene]-, 1-ethyl ester,
     (2E)- (9CI)
FS   STEREOSEARCH
MF   C17 H16 O4
SR   CA
LC   STN Files:   CA, CAPLUS, CASREACT

Double bond geometry as shown.
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

               2 REFERENCES IN FILE CA (1907 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1907 TO DATE)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FULL ESTIMATED COST                                    77.20      77.42

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FILE COVERS 1907 - 17 Jun 2009 VOL 150 ISS 25
FILE LAST UPDATED: 15 Jun 2009 (20090615/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> l6
L7 2 L6

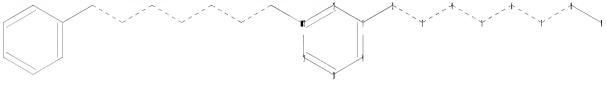
=> d l7 1-2 ti fbib abs

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
TI Product class 13: alkenylketenes
AN 2006:875000 CAPLUS
DN 146:461582
TI Product class 13: alkenylketenes
AU Danheiser, R. L.; Dudley, G. B.; Austin, W. F.
CS Department of Chemistry, Massachusetts Inst. of Technology, Cambridge, MA, 02139, USA
SO Science of Synthesis (2006), 23, 493-568
CODEN: SSCYJ9
PB Georg Thieme Verlag
DT Journal; General Review
LA English
AB A review of methods to prepare alkenylketenes and their applications to organic synthesis.
RE.CNT 156 THERE ARE 156 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
TI Benzannulation of substituted 3-alkoxycarbonylhex-3-en-5-ynoic acids: A new route to 4-substituted 3,5-dihydroxybenzoic acids derivatives
AN 2002:805135 CAPLUS
DN 138:237863
TI Benzannulation of substituted 3-alkoxycarbonylhex-3-en-5-ynoic acids: A new route to 4-substituted 3,5-dihydroxybenzoic acids derivatives
AU Serra, Stefano; Fuganti, Claudio
CS C.N.R. Istituto di Chimica del Riconoscimento Molecolare, Sezione "Adolfo Quilico" presso Dipartimento di Chimica, Materiali ed Ingegneria Chimica "Giulio Natta" del Politecnico, Milan, 20133, Italy
SO Synlett (2002), (10), 1661-1664
CODEN: SYNLES; ISSN: 0936-5214

PB  Georg Thieme Verlag
DT  Journal
LA  English
OS  CASREACT 138:237863
AB  A new regioselective pathway to 4-substituted 3,5-dihydroxybenzoic acids derivs. is described here. According to this procedure substituted propargylic aldehydes are converted into substituted 3-alkoxycarbonylhex-3-en-5-ynoic acids, which are in turn, treated with acetic anhydride in the presence of sodium acetate to give the substituted benzoic acids derivs. The aromatic moiety constructed using the latter benzannulation reaction is formed in regioselective fashion and a range of substituents are tolerated. For example, the Wittig reaction of 2-(triphenylphosphoranylidene)butanedioic acid 1-Et ester with 2-propynal gave (2E)-2-(2-propynylidene)butanedioic acid 1-Et ester [i.e., the title 3-(ethoxycarbonyl)-3-hexen-5-ynoic acids]. Benzannulation of the latter gave 3,5-bis(acetyloxy)benzoic acid Et ester.
RE.CNT  25  THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10025947\10025947 3rd ocatrinoic .str



chain nodes :
2 3 4 5 6 7 8 14
ring nodes :
1 9 10 11 12 13
chain bonds :
1-2 2-3 3-4 4-5 5-6 6-7 7-8 8-14
ring bonds :
1-9 1-13 9-10 10-11 11-12 12-13
exact/norm bonds :
2-3 3-4 4-5 5-6 6-7 7-8
exact bonds :
1-2 8-14
normalized bonds :
1-9 1-13 9-10 10-11 11-12 12-13
isolated ring systems :
containing 1 :

Hydrogen count :
9:>= minimum 1 10:>= minimum 1 11:>= minimum 1 12:>= minimum 1 13:>= minimum 1
Match level :
1:Atom 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:CLASS

L8  STRUCTURE UPLOADED

=> d l8
L8 HAS NO ANSWERS

L8 STR


Structure attributes must be viewed using STN Express query preparation.

=> search l8 sss sam
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 07:24:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7020 TO ITERATE

28.5% PROCESSED 2000 ITERATIONS 8 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 135377 TO 145423
PROJECTED ANSWERS: 244 TO 878

L9 8 SEA SSS SAM L8

L10 10 L9

=> d scan

L10 10 ANSWERS CAPLUS COPYRIGHT 2009 ACS on STN
IC C07C149-32; C07C147-06; C07C147-14; C07C101-447; C07D309-10; C07D311-24; C07D405-12
CC 25-17 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
TI Leukotriene antagonists, their production and use and compositions containing them
ST leukotriene antagonist prepn; hydroxyhexanoate; carboxyethylthiohexanoate; phenylhexanoate
IT Leukotrienes
RL: RCT (Reactant); RACT (Reactant or reagent)
(antagonists, phenylhexanoates as)
IT 83-32-9 101-81-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(Freidel-Crafts reaction of, with Me adipoyl chloride)
IT 35444-44-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(Friedel-Crafts reactions of)
IT 1501-26-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation by, of phenyloctane)

IT 95-50-1 98-06-6 101-84-8 104-51-8 119-64-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation of, with Me adipoyl chloride)

IT 1081-77-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation of, with chloroformylpentanoate)

IT 110-02-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(alkylation of)

IT 112-29-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(alkylation of thiophene by)

IT 95-92-1 609-08-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(amidation by, of aminothiophenol)

IT 40016-25-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(bromination of)

IT 1577-22-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(butylation of)

IT 89-84-9 17295-12-4 23866-72-0 40786-69-4 42368-92-3 70160-51-9
95901-05-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(esterification of, with dimethylthiocarbamoyl chloride)

IT 5852-10-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(esterification of, with methanol)

IT 95903-38-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and Claisen rearrangement of)

IT 95902-74-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and Grignard reaction of, with chloroformylbutyrate)

IT 95902-12-8P 95902-21-9P 95902-39-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and Grignard reaction of, with formylpentanoate)

IT 95901-08-9P 95901-14-7P 95901-27-2P 95903-67-6P 95903-71-2P
95903-82-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and Me esterification of)

IT 95903-37-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and allylation of)

IT 95901-41-0P 95902-73-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and bromination of)

IT 95903-85-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and chlorination of)

IT 95903-62-1P 95903-64-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation and debenzylation of)

IT 74891-63-7P 85388-59-6P 95903-66-5P 95903-70-1P 95903-76-7P
95903-79-0P 95903-81-4P 95919-49-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and decarbamoylation of)

IT 95901-63-6P 95901-69-2P 95901-79-4P 95901-85-2P 95901-93-2P
95902-05-9P 95902-13-9P 95902-22-0P 95902-46-8P 95902-55-9P
95902-67-3P 95902-82-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and dehydration of)

IT 85387-68-4P 85396-64-1P 95901-64-7P 95901-70-5P 95901-80-7P
95901-86-3P 95901-94-3P 95902-06-0P 95902-14-0P 95902-23-1P
95902-33-3P 95902-47-9P 95902-56-0P 95902-68-4P 95902-83-3P
95902-98-0P 95902-99-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and epoxidn. of)

IT 16424-56-9P 81077-22-7P 95902-32-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and esterification of)

IT 95903-40-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and esterification of, with dimethylthiocarbamoyl chloride)

IT 95902-53-7P 95902-54-8P 95903-39-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrogenation of)

IT 95900-54-2P 95900-57-5P 95900-59-7P 95900-61-1P 95900-63-3P
95900-66-6P 95900-69-9P 95900-71-3P 95900-73-5P 95900-75-7P
95900-78-0P 95900-80-4P 95900-82-6P 95900-88-2P 95900-90-6P
95900-92-8P 95900-94-0P 95900-97-3P 95900-99-5P 95901-02-3P
95901-03-4P 95901-07-8P 95901-10-3P 95901-13-6P 95901-16-9P
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95901-30-7P 95901-36-3P 95901-39-6P 95901-44-3P 95901-46-5P
95901-49-8P 95901-51-2P 95901-55-6P 95901-57-8P 95901-66-9P
95901-72-7P 95901-74-9P 95901-82-9P 95901-88-5P 95901-90-9P
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95902-85-5P 95902-87-7P 95902-89-9P 95902-90-2P 95902-92-4P
95902-94-6P 95902-96-8P 95903-02-9P 95903-03-0P 95903-05-2P
95903-09-6P 95903-32-5P 95903-34-7P 95903-46-1P 95903-48-3P
95903-53-0P 95903-55-2P 95903-78-9P 95903-80-3P 95919-45-2P
95977-05-2P 95977-09-6P 95977-11-0P 95977-14-3P 95977-16-5P
95977-58-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis of)

IT 95901-76-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and lactonization of)

IT 95903-86-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and methoxylation of)

IT 40897-41-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with bromoacetate)

IT 95901-21-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with bromomethyldioxolanone)

IT 95901-43-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with bromomethylpyranone)

IT 24769-39-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with chloroformylpentanoate)

IT 95900-85-9P 95900-96-2P 95901-35-2P 95901-38-5P 95901-48-7P
95901-53-4P 95901-61-4P 95903-36-9P 95903-43-8P 95903-63-2P
95903-73-4P 95903-74-5P 95903-77-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with epoxy(nonylphenyl)hexanoate)

IT 95901-09-0P 95901-15-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with ethoxy(nonylphenyl)hexanoate)

IT 95902-62-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with formylepoxyhexanoate)

IT 95901-42-1P 95903-68-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with hydroxy(nonylphenyl)hexanoate)

IT 95901-62-5P 95903-84-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with malonate)

IT 85388-50-7P 95901-87-4P 95902-15-1P 95902-24-2P 95902-34-4P
95902-40-2P 95902-48-0P 95902-57-1P 95902-63-9P 95902-69-5P
95902-84-4P 95977-13-2P 103078-84-8P 103110-04-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with mercaptan)

IT 95901-81-8P 95902-88-8P 95903-45-0P 95903-51-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with mercaptans)

IT 95903-00-7P 95903-58-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with mercaptopropionate)

IT 95902-52-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with methoxycarbonylmethylenetriphenylphosphorane)

IT 36901-75-4P 95902-10-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with octanal)

IT 95901-95-4P 95902-07-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)
(preparation and reaction of, with thiols)
IT 88255-11-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with triphenylphosphine)
IT 95903-31-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with β-alanine)
IT 74891-62-6P 85388-58-5P 95901-06-7P 95901-12-5P 95903-41-6P
95903-65-4P 95903-69-8P 95903-75-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and rearrangement of)
IT 92518-20-2P 95900-84-8P 95901-60-3P 95901-68-1P 95901-78-3P
95901-84-1P 95901-92-1P 95902-04-8P 95902-11-7P 95902-20-8P
95902-45-7P 95902-50-4P 95902-51-5P 95902-66-2P 95902-72-0P
95902-81-1P 95903-50-7P 95903-72-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reduction of)
IT 95901-29-4P 95903-11-0P 95903-14-3P 95903-17-6P 95903-18-7P
95903-21-2P 95903-25-6P 95903-27-8P 95903-29-0P 95903-60-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification of)
IT 95900-53-1P 95900-55-3P 95900-56-4P 95900-58-6P 95900-60-0P
95900-62-2P 95900-64-4P 95900-67-7P 95900-70-2P 95900-72-4P
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95977-10-9P 95977-12-1P 95977-15-4P 95977-17-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
IT 103-29-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with Me adipoyl chloride)
IT 627-91-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with acenaphthalene)
IT 824-94-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with aminobenzenethiol)

IT 57-57-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with aminothiophenol)
IT 17814-85-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with benzaldehyde)
IT 124-13-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with bromodimethyltriphenylphosphonium bromide)
IT 100-52-7, reactions 70972-98-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with carboxybutyltriphenylphosphonium bromide)
IT 2189-60-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with chloroformylbutyrate)
IT 1577-22-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with dimethyldithiopropionate)
IT 137-07-5 22948-02-3 74891-64-8 83960-22-9 95900-65-5 95900-68-8
95900-77-9 95900-87-1 95902-29-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with epoxy(nonylphenyl)hexanoate)
IT 35204-52-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with epoxy- and hydroxy(nonylphenyl)hexanoate)
IT 2935-90-2 75290-61-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with epoxyphenylhexanoic acid)
IT 49763-66-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with ethoxycarbonylmethylenetriphenylphosphorane)
IT 107-95-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with fluorophenoxyhexanoate)
IT 4392-24-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with formylbutyrate)
IT 95902-00-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hexenoic acid)
IT 107-96-0 109-79-5 327-92-4 763-35-9 1074-36-8 1577-62-4
1869-45-0 4551-15-9 4869-59-4 75290-62-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxy(nonylphenyl)hexanoate)
IT 2605-67-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxy(octylphenyl)tetrahydropyran)
IT 16420-13-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxybenzopyrancarboxylates)
IT 108-30-5, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxynonylphenyl)hexanoate)
IT 105-36-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxyphenylethanone derivative)
IT 108-98-5, reactions 137-07-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxythiophenehexanoate)
IT 105-56-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with mercaptoaniline)

```
IT   22948-02-3
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with methoxybenzyl chloride)
IT   105-53-3
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with methoxybenzylthioaniline)
IT   208-96-8
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with mono-Me adipate)
IT   80715-22-6
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with nonylphenylpentylthioquinolinecarboxylic acid)
IT   1099-45-2
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with octylbenzaldehyde)
IT   823-78-9   3433-80-5
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with triphenylphosphine)
IT   63956-27-4
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reduction of)
IT   501-30-4
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (silylation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=>  file reg
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.50      87.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                 0.00      -1.64

FILE 'REGISTRY' ENTERED AT 07:25:05 ON 17 JUN 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   15 JUN 2009  HIGHEST RN 1158168-92-3
DICTIONARY FILE UPDATES:  15 JUN 2009  HIGHEST RN 1158168-92-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
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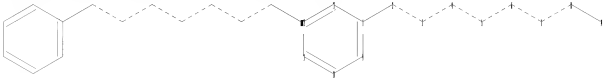
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10025947\10025947 3rd ocatrinoic .str



chain nodes :
2 3 4 5 6 7 8 14
ring nodes :
1 9 10 11 12 13
chain bonds :
1-2 2-3 3-4 4-5 5-6 6-7 7-8 8-14
ring bonds :
1-9 1-13 9-10 10-11 11-12 12-13
exact/norm bonds :
2-3 3-4 4-5 5-6 6-7 7-8
exact bonds :
1-2 8-14
normalized bonds :
1-9 1-13 9-10 10-11 11-12 12-13
isolated ring systems :
containing 1 :

Hydrogen count :
9:>= minimum 1 10:>= minimum 1 11:>= minimum 1 12:>= minimum 1 13:>= minimum 1
Match level :
1:Atom 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:CLASS

L11 STRUCTURE UPLOADED

=> d l11
L11 HAS NO ANSWERS
L11 STR


Structure attributes must be viewed using STN Express query preparation.

=> search l11 sss sam
SAMPLE SEARCH INITIATED 07:25:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7020 TO ITERATE

28.5% PROCESSED 2000 ITERATIONS 8 ANSWERS

```
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

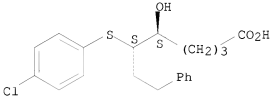
FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:       135377 TO   145423
PROJECTED ANSWERS:             244 TO      878

L12           8 SEA SSS SAM L11

=> d scan

L12  8 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   Benzeneoctanoic acid, ε-[(4-chlorophenyl)thio]-δ-hydroxy-,
     sodium salt (1:1), (δR,εR)-rel-
MF   C20 H23 Cl O3 S . Na

Relative stereochemistry.
```

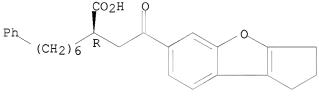




```
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):8

L12  8 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   1H-Cyclopenta[b]benzofuran-6-butanoic acid,
     2,3-dihydro-γ-oxo-α-(6-phenylhexyl)-, (αR)-
MF   C27 H30 O4

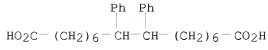
Absolute stereochemistry.
```



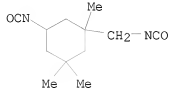

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


L12  8 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   Hexadecanedioic acid, 8,9-diphenyl-, polymer with
     5-amino-1,3,3-trimethylcyclohexanemethanamine, 1,2-ethanediol and
     5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane (9CI)
MF   (C28 H38 O4 . C12 H18 N2 O2 . C10 H22 N2 . C2 H6 O2)x
CI   PMS
```

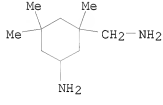
CM 1



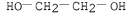
CM 2



CM 3

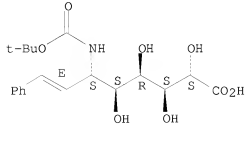


CM 4



L12 8 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-glycero-L-gulo-Oct-7-enonic acid,
6,7,8-trideoxy-6-[[(1,1-dimethylethoxy)carbonyl]amino]-8-phenyl-, (7E)-
MF C19 H27 N O8

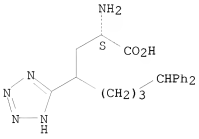
Absolute stereochemistry.
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L12 8 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2H-Tetrazole-5-butanoic acid, α-amino-γ-(4,4-diphenylbutyl)-, (αS)-
MF C21 H25 N5 O2

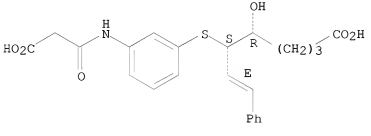
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L12 8 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octenoic acid, 6-[[3-[(2-carboxyacetyl)amino]phenyl]thio]-5-hydroxy-8-phenyl-, sodium salt (1:2), (5R,6S,7E)-rel-
MF C23 H25 N O6 S . 2 Na

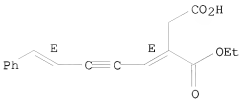
Relative stereochemistry.
Double bond geometry as shown.



●2 Na

L12 8 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Butanedioic acid, 2-[(4E)-5-phenyl-4-penten-2-yn-1-ylidene]-, 1-ethyl ester, (2E)-
MF C17 H16 O4

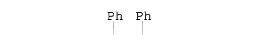
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L12 8 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,2,4-Benzenetricarboxylic acid, polymer with 1,3-benzenedicarboxylic acid, 1,4-benzenedicarboxylic acid, Coronate L, 2,2-dimethyl-1,3-propanediol, 8,9-diphenylhexadecanedioic acid and 1,2-ethanediol (9CI)
MF (C28 H38 O4 . C9 H6 O6 . C8 H6 O4 . C8 H6 O4 . C5 H12 O2 . C2 H6 O2 . Unspecified)x
CI PMS

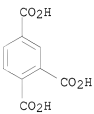
CM 1



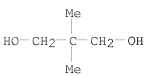
CM 2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

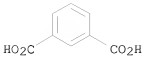
CM 3



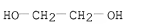
CM 4



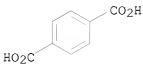
CM 5



CM 6



CM 7



ALL ANSWERS HAVE BEEN SCANNED

```
=> search l11 sss full
FULL SEARCH INITIATED 07:27:11 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   137546 TO ITERATE

100.0% PROCESSED   137546 ITERATIONS                          369 ANSWERS
SEARCH TIME: 00.00.02

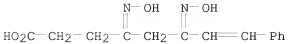
L13         369 SEA SSS FUL L11

=> save temp l13 rawoctenes
RAWOCTENES IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list.  The name must:
  1. Begin with a letter,
  2. Have 1-12 characters,
  3. Contain only letters (A-Z) and numbers (0-9),
  4. End with /Q for a query (search profile,
     structure, or screen set), /A for an answer
     set, or /L for an L-number list.
  5. Not already be in use as a saved name,
  6. Not be END, SAV, SAVE, SAVED
  7. Not have the form of an L-number (Lnnn).
ENTER NAME OR (END):end

=> save temp l13 rawoctenes/a
ANSWER SET L13 HAS BEEN SAVED AS 'RAWOCTENES/A'

=> d scan

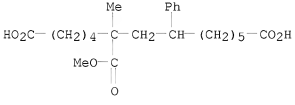
L13  369 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   7-Octenoic acid, 4,6-bis(hydroxyimino)-8-phenyl-
MF   C14 H16 N2 O4
```



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

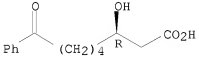
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,5,12-Dodecanetricarboxylic acid, 5-methyl-7-phenyl-, 5-methyl ester
MF C23 H34 O6
CI COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, β-hydroxy-η-oxo-, (βR)-
MF C14 H18 O4
CI COM

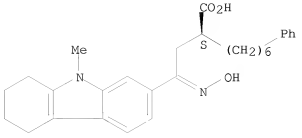
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

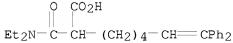
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Carbazole-7-butanoic acid, 2,3,4,9-tetrahydro-γ-(hydroxyimino)-9-methyl-α-(6-phenylhexyl)-, (αS)-
MF C29 H36 N2 O3

Absolute stereochemistry.
Double bond geometry unknown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

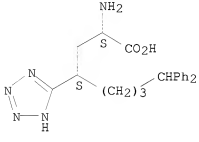
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octenoic acid, 2-[(diethylamino)carbonyl]-8,8-diphenyl-
MF C25 H31 N O3



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Tetrazole-5-butanoic acid, α-amino-γ-(4,4-diphenylbutyl)-, [S-(R*,R*)]- (9CI)
MF C21 H25 N5 O2

Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

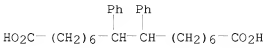
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,4-Benzenedicarboxylic acid, polymer with 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, 8,9-diphenylhexadecanedioic acid, α,α'-[(1-methylethylidene)di-4,1-phenylene]bis[ω-hydroxypoly(oxy-1,2-ethanediyl)] and α,α'-[(1-methylethylidene)di-4,1-phenylene]bis[ω-

hydroxypoly[oxy(methyl-1,2-ethanediyl)]] (9CI)

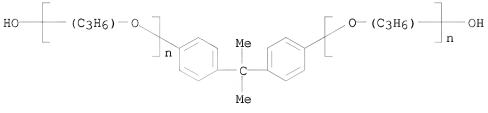
MF (C28 H38 O4 . C9 H4 O5 . C8 H6 O4 . (C3 H6 O)n (C3 H6 O)n C15 H16 O2 . (C2 H4 O)n (C2 H4 O)n C15 H16 O2)x

CI PMS

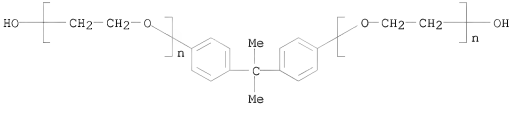
CM 1



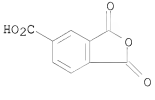
CM 2



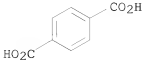
CM 3



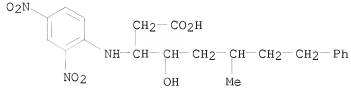
CM 4



CM 5

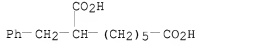


L13  369 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Benzeneoctanoic acid, β-[(2,4-dinitrophenyl)amino]-γ-hydroxy-ε-methyl-
MF  C21 H25 N3 O7



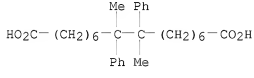
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13  369 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Octanedioic acid, 2-(phenylmethyl)-
MF  C15 H20 O4



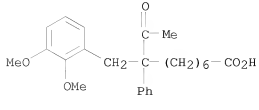
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13  369 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Hexadecanedioic acid, 8,9-dimethyl-8,9-diphenyl-
MF  C30 H42 O4
CI  COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13  369 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Benzenenonanoic acid, η-acetyl-2,3-dimethoxy-η-phenyl-
MF  C25 H32 O5



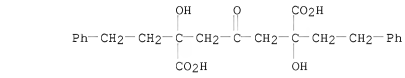
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octynoic acid, 8-phenyl-
MF C14 H16 O2



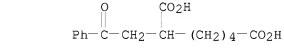
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN INDEX NAME NOT YET ASSIGNED
MF C23 H26 O7



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

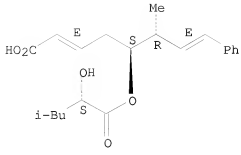
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Heptanedioic acid, 2-(2-oxo-2-phenylethyl)-
MF C15 H18 O5



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2,7-Octadienoic acid, 5-[[(2S)-2-hydroxy-4-methyl-1-oxopentyl]oxy]-6-methyl-8-phenyl-, (2E,5S,6R,7E)-
MF C21 H28 O5

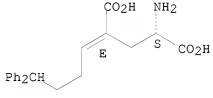
Absolute stereochemistry.
Double bond geometry as shown.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Glutamic acid, 4-(4,4-diphenylbutylidene)-, (4E)-
MF C21 H23 N O4
CI COM

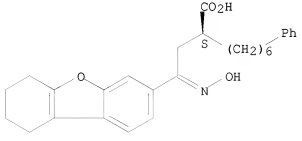
Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

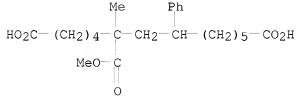
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 3-Dibenzofuranbutanoic acid, 6,7,8,9-tetrahydro-γ-(hydroxyimino)-
α-(6-phenylhexyl)-, (αS)-
MF C28 H33 N O4

Absolute stereochemistry.
Double bond geometry unknown.



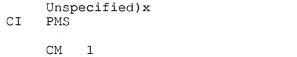
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,5,12-Dodecanetricarboxylic acid, 5-methyl-7-phenyl-, 5-methyl ester, ammonium salt (1:2)
MF C23 H34 O6 . 2 H3 N



L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,2,4-Benzenetricarboxylic acid, polymer with 1,3-benzenedicarboxylic acid, 1,4-benzenedicarboxylic acid, Coronate L, 2,2-dimethyl-1,3-propanediol, 8,9-diphenylhexadecanedioic acid and 1,2-ethanediol (9CI)
MF (C28 H38 O4 . C9 H6 O6 . C8 H6 O4 . C8 H6 O4 . C5 H12 O2 . C2 H6 O2 . Unspecified)x
CI PMS

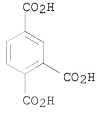
CM 1



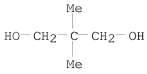
CM 2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

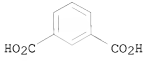
CM 3



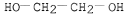
CM 4



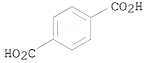
CM 5



CM 6

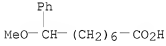


CM 7



L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, η-methoxy-, compd. with N,N-diethylethanamine (1:1)
MF C15 H22 O3 . C6 H15 N

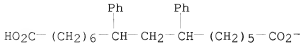
CM 1



CM 2

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Ethanaminium, N,N,N-triethyl-, salt with 7,9-diphenylhexadecanedioic acid (1:1) (9CI)
MF C28 H37 O4 . C8 H20 N

CM 1

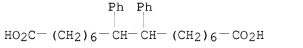


CM 2

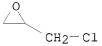
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 8,9-diphenyl-, polymer with (chloromethyl)oxirane and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
MF (C28 H38 O4 . C15 H16 O2 . C3 H5 Cl O)x
CI PMS

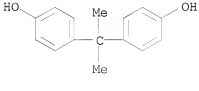
CM 1



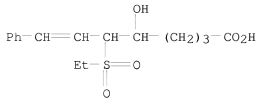
CM 2



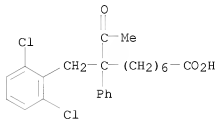
CM 3



L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octenoic acid, 6-(ethylsulfonyl)-5-hydroxy-8-phenyl-, sodium salt (1:1)
MF C16 H22 O5 S . Na

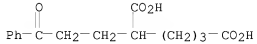


L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, η-acetyl-2,6-dichloro-η-phenyl-
MF C23 H26 Cl2 O3



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

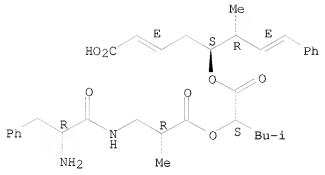
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexanedioic acid, 2-(3-oxo-3-phenylpropyl)-
MF C15 H18 O5



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2,7-Octadienoic acid, 5-[[(2S)-2-[(2R)-3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]-2-methyl-1-oxopropoxy]-4-methyl-1-oxopentyl]oxy]-6-methyl-8-phenyl-, (2E,5S,6R,7E)-
MF C34 H44 N2 O7

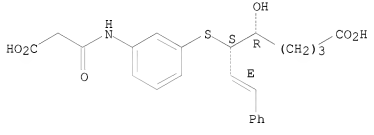
Absolute stereochemistry.
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octenoic acid, 6-[[3-[(2-carboxyacetyl)amino]phenyl]thio]-5-hydroxy-8-phenyl-, (5R,6S,7E)-rel-
MF C23 H25 N O6 S
CI COM

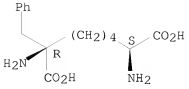
Relative stereochemistry.
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

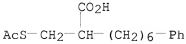
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Octanedioic acid, 2,7-diamino-2-(phenylmethyl)-, dihydrochloride, (2R,7S)-(9CI)
MF C15 H22 N2 O4 . 2 Cl H

Absolute stereochemistry. Rotation (+).



●2 HCl

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, α-[(acetylthio)methyl]-
MF C17 H24 O3 S

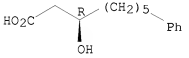


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, β-hydroxy-, (βR)-, polymer with (βR)-β-hydroxybenzenehexanoic acid (9CI)
MF (C14 H20 O3 . C12 H16 O3)x
CI PMS

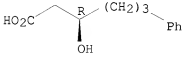
CM 1

Absolute stereochemistry.

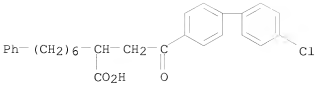


CM 2

Absolute stereochemistry.



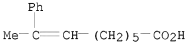
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN [1,1'-Biphenyl]-4-butanoic acid, 4'-chloro-γ-oxo-α-(6-phenylhexyl)-
MF C28 H29 Cl O3



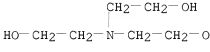
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Nonenoic acid, 8-phenyl-, compd. with 2,2',2''-nitrilotris[ethanol] (1:1) (9CI)
MF C15 H20 O2 . C6 H15 N O3

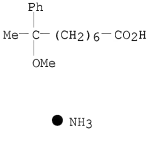
CM 1



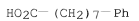
CM 2



L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, η-methoxy-η-methyl-, ammonium salt (1:1)
MF C16 H24 O3 . H3 N



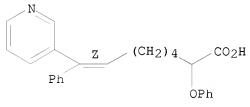
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, thallium(1+) salt (1:1)
MF C14 H20 O2 . Tl





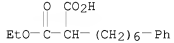
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octenoic acid, 2-phenoxy-8-phenyl-8-(3-pyridinyl)-, (Z)- (9CI)
MF C25 H25 N O3

Double bond geometry as shown.



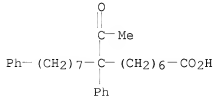
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 2-(6-phenylhexyl)-, 1-ethyl ester
MF C17 H24 O4



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

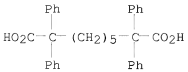
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenepentadecanoic acid, η-acetyl-η-phenyl-
MF C29 H40 O3



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Nonanedioic acid, 2,2,8,8-tetraphenyl-

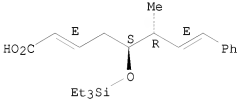
MF C33 H32 O4



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

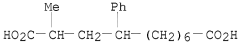
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2,7-Octadienoic acid, 6-methyl-8-phenyl-5-[(triethylsilyl)oxy]-, (2E,5S,6R,7E)-
MF C21 H32 O3 Si

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Undecanedioic acid, 2-methyl-4-phenyl-
MF C18 H26 O4
CI COM

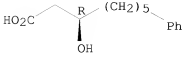


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, β-hydroxy-, (βR)-, polymer with (βR)-β-hydroxybenzenehexanoic acid, isotactic (9CI)
MF (C14 H20 O3 . C12 H16 O3)x
CI PMS

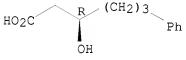
CM 1

Absolute stereochemistry.



CM 2

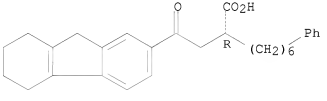
Absolute stereochemistry.



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Fluorene-7-butanoic acid, 2,3,4,9-tetrahydro-γ-oxo-α-(6-phenylhexyl)-, (αR)-
MF C29 H34 O3

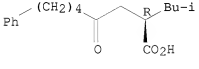
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

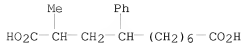
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, α-(2-methylpropyl)-γ-oxo-, (αR)-
MF C18 H26 O3

Absolute stereochemistry.



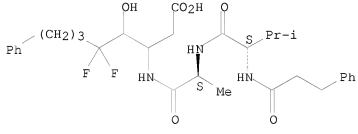
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Undecanedioic acid, 2-methyl-4-phenyl-, ammonium salt (1:?)
MF C18 H26 O4 . x H3 N



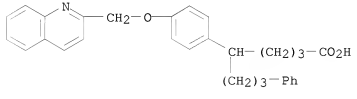
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Alaninamide, N-(1-oxo-3-phenylpropyl)-L-valyl-N-[1-(carboxymethyl)-3,3-difluoro-2-hydroxy-6-phenylhexyl]- (9CI)
MF C31 H41 F2 N3 O6

Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

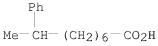
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, δ-[4-(2-quinolinylmethoxy)phenyl]-
MF C30 H31 N O3



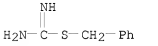
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, η-methyl-, compd. with phenylmethyl carbamimidothioate (1:1)
MF C15 H22 O2 . C8 H10 N2 S

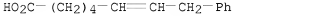
CM 1



CM 2

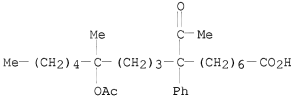


L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6-Octenoic acid, 8-phenyl-
MF C14 H18 O2



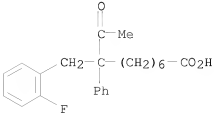
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, η-acetyl-η-[4-(acetyloxy)-4-methylnonyl]-
MF C28 H44 O5



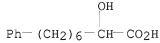
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, η-acetyl-2-fluoro-η-phenyl-
MF C23 H27 F O3



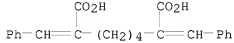
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, α-hydroxy-
MF C14 H20 O3



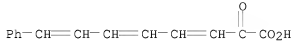
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Octanedioic acid, 2,7-bis(phenylmethylene)-
MF C22 H22 O4



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

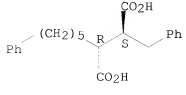
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 3,5,7-Octatrienoic acid, 2-oxo-8-phenyl-
MF C14 H12 O3
CI COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Butanedioic acid, 2-(phenylmethyl)-3-(5-phenylpentyl)-, (2S,3R)-
MF C22 H26 O4

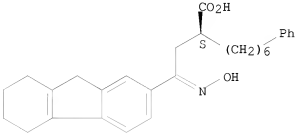
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

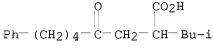
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Fluorene-7-butanoic acid, 2,3,4,9-tetrahydro-γ-(hydroxyimino)-α-(6-phenylhexyl)-, (αS)-
MF C29 H35 N O3

Absolute stereochemistry.
Double bond geometry unknown.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

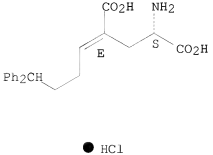
L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzeneoctanoic acid, α-(2-methylpropyl)-γ-oxo-
MF C18 H26 O3




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Glutamic acid, 4-(4,4-diphenylbutylidene)-, hydrochloride, (4E)- (9CI)
MF C21 H23 N O4 . Cl H

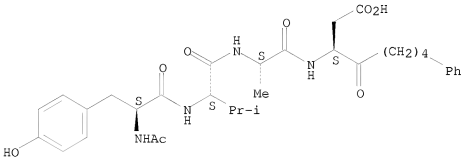
Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Alaninamide, N-acetyl-L-tyrosyl-L-valyl-N-[1-(carboxymethyl)-2-oxo-6-phenylhexyl]-, (S)- (9CI)
SQL 4
MF C33 H44 N4 O8

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

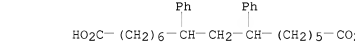
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 7,9-diphenyl-, polymer with (chloromethyl)oxirane, cyanoguanidine, DEN 431 and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
MF (C28 H38 O4 . C15 H16 O2 . C3 H5 Cl O . C2 H4 N4 . Unspecified)x
CI PMS

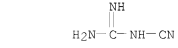
CM 1



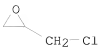
CM 2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

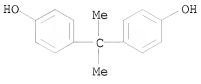
CM 3



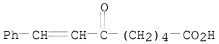
CM 4



CM 5

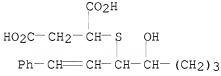


L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 7-Octenoic acid, 6-oxo-8-phenyl-
MF C14 H16 O3



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L13 369 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Butanedioic acid, 2-[[5-carboxy-2-hydroxy-1-(2-phenylethenyl)pentyl]thio]-
MF C18 H22 O7 S



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> e 6-Octenoic acid, 8-phenyl-/cn
E1 1 6-OCTENOIC ACID, 8-OXO-5-(((TETRAHYDRO-2H-PYRAN-2-YL)OXY)MET
HYL)-, METHYL ESTER, (E)-/CN
E2 1 6-OCTENOIC ACID, 8-OXO-8-PHENYL-, (6E)-/CN
E3 1 --> 6-OCTENOIC ACID, 8-PHENYL-/CN
E4 1 6-OCTENOIC ACID, 8-PHENYL-6-((TRIETHYLSILYL)OXY)-, METHYL ES
TER/CN
E5 1 6-OCTENOIC ACID, ESTER WITH 4'-BROMO-2-HYDROXYACETOPHENONE/C
N
E6 1 6-OCTENOIC ACID, ETHYL ESTER/CN

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E7              1     6-OCTENOIC ACID, ETHYL ESTER, (6E)-/CN
E8              1     6-OCTENOIC ACID, ETHYL ESTER, (E)-/CN
E9              1     6-OCTENOIC ACID, ETHYL ESTER, (Z)-/CN
E10             1     6-OCTENOIC ACID, L-THREONYL-N-ETHYL-D-ALANYL-N-METHYL-L-LEUC
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                      XY-N-METHYL-L-LEUCYL-L-LEUCYL-N-METHYL-L-VALYL-3-HYDROXY-4-M
                      ETHYL-2-(METHYLAMINO/CN
E11             1     6-OCTENOIC ACID, L-THREONYL-N-METHYLGLYCYL-N-METHYL-L-LEUCYL
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                      OXY)-N-METHYL-L-LEUCYL-L-LEUCYL-N-METHYL-L-VALYL-3-HYDROXY-4
                      -METHYL-2-(METHYLAMI/CN
E12             1     6-OCTENOIC ACID, L-VALYL-1-14C-N-METHYLGLYCYL-N-METHYL-L-LEU
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                      EUCYL-N-METHYL-L-LEUCYL-N-METHYL-L-VALYL-3-HYDROXY-4-METHYL-
                      2-(METHYLAMINO)-, (2/CN

=> e3
L14             1 "6-OCTENOIC ACID, 8-PHENYL-"/CN

=> file caplus
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                196.51     283.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
                                                   ENTRY    SESSION
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FILE LAST UPDATED: 15 Jun 2009  (20090615/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Apr 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> l14
L15             1 L14
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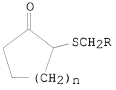
=> d l15 ti fbib abs

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
TI New synthetic methods. 10. β-Keto sulfones as ethylene carbanion equivalents: the synthesis of unsaturated carboxylic acids
AN 1984:174246 CAPLUS
DN 100:174246
OREF 100:26489a,26492a
TI New synthetic methods. 10. β-Keto sulfones as ethylene carbanion equivalents: the synthesis of unsaturated carboxylic acids
AU Scholz, Dieter
CS Inst. Org. Pharm. Chem., Univ. Innsbruck, Innsbruck, A-6020, Austria
SO Liebigs Annalen der Chemie (1984), (2), 264-72
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German
OS CASREACT 100:174246
GI




I

AB α-(Alkylthio)cycloalkanones I (R = H, Et, Pr, Ph, pentyl, etc.; n = 1-3,8) were oxidized to sulfones and ring-cleaved by NaOR1 (R1 = Br, Cl) to give HO2C(CH2)n+1CHR1SO2CH2R. These underwent Ramberg-Baecklund elimination by refluxing in NaOEt/EtOH to give HO2C(CH2)n+2CH:CHR.

=> d l15 ti fbib abs it

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
TI New synthetic methods. 10. β-Keto sulfones as ethylene carbanion equivalents: the synthesis of unsaturated carboxylic acids
AN 1984:174246 CAPLUS
DN 100:174246
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TI New synthetic methods. 10. β-Keto sulfones as ethylene carbanion equivalents: the synthesis of unsaturated carboxylic acids
AU Scholz, Dieter
CS Inst. Org. Pharm. Chem., Univ. Innsbruck, Innsbruck, A-6020, Austria
SO Liebigs Annalen der Chemie (1984), (2), 264-72
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German
OS CASREACT 100:174246
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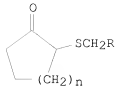



I

AB α-(Alkylthio)cycloalkanones I (R = H, Et, Pr, Ph, pentyl, etc.; n = 1-3, 8) were oxidized to sulfones and ring-cleaved by NaOR1 (R1 = Br, Cl) to give HO2C(CH2)n+1CHR1SO2CH2R. These underwent Ramberg-Baecklund elimination by refluxing in NaOEt/EtOH to give HO2C(CH2)n+2CH:CHR.

IT Elimination reaction
(Ramberg-Baecklund, of (alkylsulfonyl)haloalkanoates)

IT Carboxylic acids, preparation
RL: SPN (Synthetic preparation); PREP (Preparation)
(aliphatic, unsatd., preparation of, from (alkylsulfonyl)cycloalkanones by ring
cleavage and Ramberg-Baecklund elimination)

IT Sulfones
RL: RCT (Reactant); RACT (Reactant or reagent)
(halo, Ramberg-Baecklund elimination reaction of)

IT 10314-32-6 24807-50-9 37456-99-8 38293-11-7 52190-34-8
52190-35-9 52190-36-0 52190-38-2 84040-12-0 88491-12-7
89730-28-9 89730-33-6 89730-34-7 89730-35-8 89730-36-9
89730-37-0 89730-38-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(oxidation of, to sulfone)

IT 89730-12-1P 89730-15-4P 89730-16-5P 89730-17-6P 89730-18-7P
89730-19-8P 89730-21-2P 89730-22-3P 89730-23-4P 89730-24-5P
89730-26-7P 89730-39-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and Ramberg-Baecklund elimination reaction of)

IT 85058-04-4P 88491-12-7P 89729-98-6P 89729-99-7P 89730-00-7P
89730-01-8P 89730-02-9P 89730-03-0P 89730-05-2P 89730-06-3P
89730-07-4P 89730-08-5P 90936-31-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and ring cleavage of, by hypohalite)

IT 10321-66-1P 35595-16-5P 85058-05-5P 89730-04-1P 89730-09-6P
89730-10-9P 89730-11-0P 89730-13-2P 89730-14-3P 89730-20-1P
89730-25-6P 89747-94-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

IT 18719-24-9P 63892-00-2P 66267-00-3P 73292-41-8P 89730-27-8P
89730-29-0P 89730-30-3P 89730-31-4P 89730-32-5P
89747-95-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, by (alkylsulfonyl)cycloalkanone cleavage and Ramberg-Baecklund elimination)

IT 16096-71-2P 89729-97-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation, lithiation, and alkylation of)

=> 89730-29-0
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L17 1 L16

=> display hitstr l16 1
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

EPROP - Table of experimental properties
PPROP - Table of predicted properties
PROP - EPROP, ETAG, PPROP and SPEC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

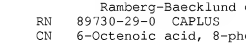
The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.

For additional information, please consult the following help
messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> display hitstr l17 1

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
IT 89730-29-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, by (alkylsulfonyl)cycloalkanone cleavage and
Ramberg-Baecklund elimination)
RN 89730-29-0 CAPLUS
CN 6-Octenoic acid, 8-phenyl- (CA INDEX NAME)



=> logoff hold

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 4.64 | 301.13 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | 0.00 | -3.28 |

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:38:26 ON 17 JUN 2009

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 08:36:58 ON 17 JUN 2009
FILE 'CAPLUS' ENTERED AT 08:36:58 ON 17 JUN 2009
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 4.64 | 301.13 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|

CA SUBSCRIBER PRICE 0.00 -3.28

=> file reg
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 4.64 301.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE ENTRY TOTAL SESSION
CA SUBSCRIBER PRICE 0.00 -3.28

FILE 'REGISTRY' ENTERED AT 08:37:10 ON 17 JUN 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.


Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 JUN 2009 HIGHEST RN 1158168-92-3
DICTIONARY FILE UPDATES: 15 JUN 2009 HIGHEST RN 1158168-92-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

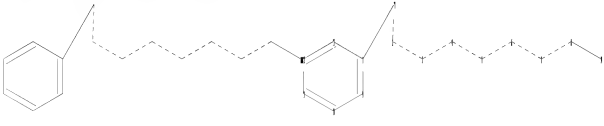
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10025947\10025947 nonenoic acid .str



chain nodes :
2 3 4 5 6 7 8 14 17
ring nodes :
1 9 10 11 12 13
chain bonds :
1-17 2-3 2-17 3-4 4-5 5-6 6-7 7-8 8-14
ring bonds :
1-13 1-9 9-10 10-11 11-12 12-13
exact/norm bonds :
2-3 2-17 3-4 4-5 5-6 6-7 7-8
exact bonds :

1-17  8-14
normalized bonds :
1-13  1-9  9-10  10-11  11-12  12-13
isolated ring systems :
containing 1 :

Hydrogen count :
9:>= minimum 1  10:>= minimum 1  11:>= minimum 1  12:>= minimum 1  13:>= minimum 1
Match level :
1:Atom  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:Atom
10:Atom  11:Atom  12:Atom  13:Atom  14:CLASS  17:CLASS

L18     STRUCTURE UPLOADED

=> d l18
L18 HAS NO ANSWERS
L18             STR


Structure attributes must be viewed using STN Express query preparation.

=> search l18 sss sam
SAMPLE SEARCH INITIATED 08:37:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     7020 TO ITERATE

 28.5% PROCESSED     2000 ITERATIONS                                 6 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

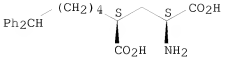
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:      135377 TO   145423
PROJECTED ANSWERS:            146 TO      696

L19           6 SEA SSS SAM L18

=> d scan

L19  6 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   L-Glutamic acid, 4-(5,5-diphenylpentyl)-, (4S)-
MF   C22 H27 N O4
CI   COM

Absolute stereochemistry.

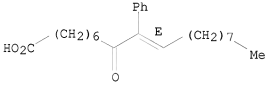


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):6

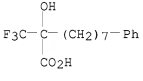
L19 6 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ-nonylidene-η-oxo-, (θE)-
MF C24 H36 O3

Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

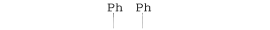
L19 6 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, α-hydroxy-α-(trifluoromethyl)-
MF C16 H21 F3 O3



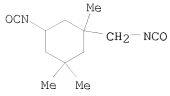
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L19 6 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 8,9-diphenyl-, polymer with
5-amino-1,3,3-trimethylcyclohexanemethanamine, 1,2-ethanediol and
5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane (9CI)
MF (C28 H38 O4 . C12 H18 N2 O2 . C10 H22 N2 . C2 H6 O2)x
CI PMS

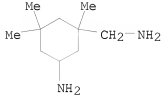
CM 1



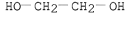
CM 2



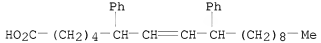
CM 3



CM 4



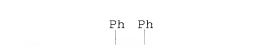
L19 6 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenehexanoic acid, ε-(3-phenyl-1-dodecen-1-yl)-
MF C30 H42 O2



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L19 6 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,2,4-Benzenetricarboxylic acid, polymer with 1,3-benzenedicarboxylic acid, 1,4-benzenedicarboxylic acid, Coronate L, 2,2-dimethyl-1,3-propanediol, 8,9-diphenylhexadecanedioic acid and 1,2-ethanediol (9CI)
MF (C28 H38 O4 . C9 H6 O6 . C8 H6 O4 . C8 H6 O4 . C5 H12 O2 . C2 H6 O2 . Unspecified)x
CI PMS

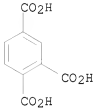
CM 1



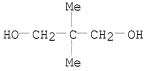
CM 2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

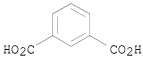
CM 3



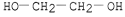
CM 4



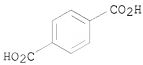
CM 5



CM 6



CM 7



ALL ANSWERS HAVE BEEN SCANNED

=> search l18 sss full

```
FULL SEARCH INITIATED 08:39:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   137546 TO ITERATE

100.0% PROCESSED   137546 ITERATIONS                              204 ANSWERS
SEARCH TIME: 00.00.01

L20         204 SEA SSS FUL L18

=> save temp l20 nonenoics/a
ANSWER SET L20 HAS BEEN SAVED AS 'NONENOICS/A'

=> d scan

L20  204 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   Benzenenonanoic acid, ω-oxo-, compd. with tert-tridecanamine (1:1)
     (9CI)
MF   C15 H20 O3 . C13 H29 N

     CM   1


(tert-C13H27)—NH2


     CM   2


    O
    ‖
Ph—C—(CH2)7—CO2H

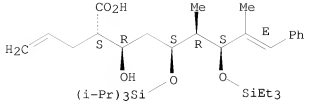

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L20  204 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   Octanoic acid, 8-benzoyl-t- (8CI)
MF   C15 H19 O3 T


    O
    ‖
Ph—C—(CH2)7—CO2H

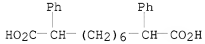

L20  204 ANSWERS   REGISTRY  COPYRIGHT 2009 ACS on STN
IN   8-Nonenoic acid, 3-hydroxy-6,8-dimethyl-9-phenyl-2-(2-propenyl)-5-[[tris(1-
     methylethyl)silyl]oxy]-7-[(triethylsilyl)oxy]-,
     [2S-(2R*,3S*,5R*,6S*,7R*,8E)]- (9CI)
MF   C35 H62 O5 Si2

Absolute stereochemistry.  Rotation (+).
Double bond geometry as shown.
```



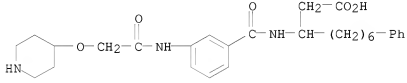
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Decanedioic acid, 2,9-diphenyl-
MF C22 H26 O4



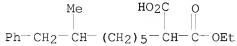
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, β-[[3-[[2-(4-piperidinyloxy)acetyl]amino]benzoyl]amino]-
MF C29 H39 N3 O5



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 2-(6-methyl-7-phenylheptyl)-, 1-ethyl ester
MF C19 H28 O4

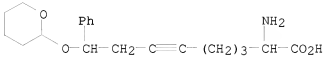


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

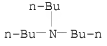
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6-Nonynoic acid, 2-amino-9-phenyl-9-[(tetrahydro-2H-pyran-2-yl)oxy]-,

compd. with N,N-dibutyl-1-butanamine (1:1)
MF C20 H27 N O4 . C12 H27 N

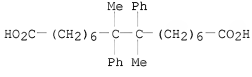
CM 1



CM 2



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 8,9-dimethyl-8,9-diphenyl-
MF C30 H42 O4
CI COM

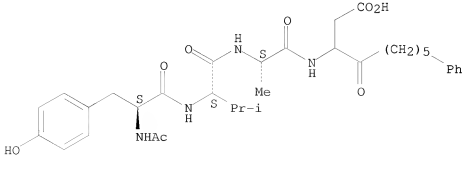


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Alaninamide, N-acetyl-L-tyrosyl-L-valyl-N-[1-(carboxymethyl)-2-oxo-7-phenylheptyl]- (9CI)
SQL 4
MF C34 H46 N4 O8

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

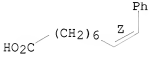
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

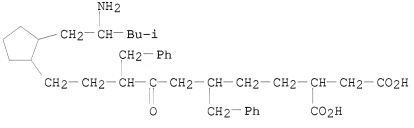
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 8-Nonenoic acid, 9-phenyl-, (Z)- (9CI)
MF C15 H20 O2

Double bond geometry as shown.



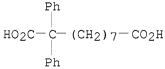
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Decanoic acid, 10-[2-(2-amino-4-methylpentyl)cyclopentyl]-7-oxo-5,8-bis(phenylmethyl)-
MF C37 H53 N O5



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Decanedioic acid, 2,2-diphenyl-
MF C22 H26 O4

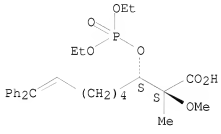


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 8-Nonenoic acid, 3-[(diethoxyphosphinyl)oxy]-2-methoxy-2-methyl-9,9-diphenyl-, (2R,3R)-rel-

MF C27 H37 O7 P

Relative stereochemistry.

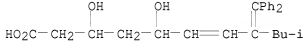


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Nonanoic acid, 9,9-diphenyl- (6CI)
MF C21 H26 O2

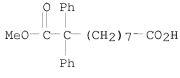
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6-Undecenoic acid, 8-(diphenylmethylene)-3,5-dihydroxy-10-methyl-
MF C25 H30 O4
CI COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

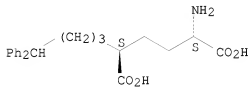
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Decanedioic acid, 2,2-diphenyl-, 1-methyl ester
MF C23 H28 O4



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

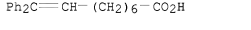
L20  204 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Hexanedioic acid, 2-amino-5-(4,4-diphenylbutyl)-, (R*,R*)- (9CI)
MF  C22 H27 N O4
CI  COM

Relative stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

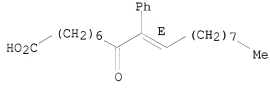
L20  204 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  8-Nonenoic acid, 9,9-diphenyl-
MF  C21 H24 O2



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20  204 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Benzenenonanoic acid, θ-nonylidene-η-oxo-, (θE)-
MF  C24 H36 O3

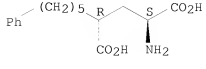
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

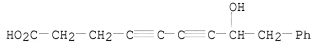
L20  204 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  L-Glutamic acid, 4-(5-phenylpentyl)-, erythro- (9CI)
MF  C16 H23 N O4

Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4,6-Nonadiynoic acid, 8-hydroxy-9-phenyl-
MF C15 H14 O3

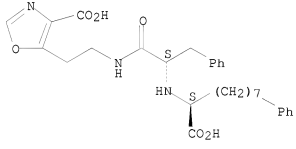


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

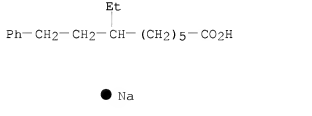
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4-Oxazolecarboxylic acid, 5-[2-[[2-[(1-carboxy-8-phenyloctyl)amino]-1-oxo-3-phenylpropyl]amino]ethyl]-, [S-(R*,R*)]- (9CI)
MF C30 H37 N3 O6

Absolute stereochemistry.

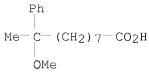


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

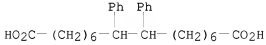
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, ζ-ethyl-, sodium salt (1:1)
MF C17 H26 O2 . Na



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ-methoxy-θ-methyl-, sodium salt (1:1)
MF C17 H26 O3 . Na

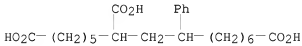


L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 8,9-diphenyl-
MF C28 H38 O4
CI COM



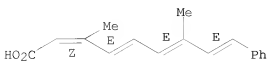
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,6,14-Tetradecanetricarboxylic acid, 8-phenyl-, ammonium salt (1:?)
MF C23 H34 O6 . x H3 N



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2,4,6,8-Nonatetraenoic acid, 3,7-dimethyl-9-phenyl-, (Z,E,E,E)- (9CI)
MF C17 H18 O2

Double bond geometry as shown.



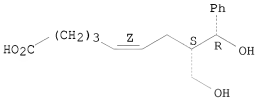
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,6,16-Hexadecanetricarboxylic acid, 9-phenyl-, ammonium salt (1:3)
MF C25 H38 O6 . 3 H3 N

●3 $NH_3$

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 5-Nonenoic acid, 9-hydroxy-8-(hydroxymethyl)-9-phenyl-, (5Z,8R,9S)-rel-
MF C16 H22 O4

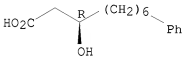
Relative stereochemistry.
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

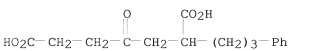
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, β-hydroxy-, (βR)-
MF C15 H22 O3
CI COM

Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Heptanedioic acid, 4-oxo-2-(3-phenylpropyl)-
MF C16 H20 O5

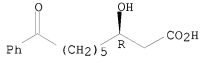


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, β-hydroxy-θ-oxo-, (βR)-, polymer with (βR)-β-hydroxybenzenepentanoic acid, (3R)-3-hydroxybutanoic acid, (3R)-3-hydroxydecanoic acid, (3R)-3-hydroxydodecanoic acid, (3R)-3-hydroxy-5-dodecenoic acid, (3R)-3-hydroxyhexanoic acid, (3R)-3-hydroxynonanoic acid, (3R)-3-hydroxyoctanoic acid, (βR)-β-hydroxy-ζ-oxobenzeneheptanoic acid and (3R)-3-hydroxytetradecanoic acid, isotactic (9CI)
MF (C15 H20 O4 . C14 H28 O3 . C13 H16 O4 . C12 H24 O3 . C12 H22 O3 . C11 H14 O3 . C10 H20 O3 . C9 H18 O3 . C8 H16 O3 . C6 H12 O3 . C4 H8 O3)x
CI PMS

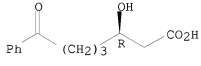
CM 1

Absolute stereochemistry.



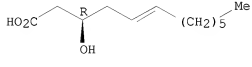
CM 2

Absolute stereochemistry.



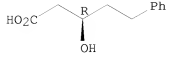
CM 3

Absolute stereochemistry.
Double bond geometry unknown.



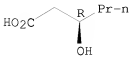
CM 4

Absolute stereochemistry.



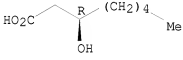
CM 5

Absolute stereochemistry. Rotation (-).



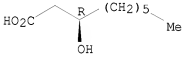

CM 6

Absolute stereochemistry.



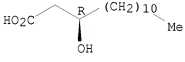

CM 7

Absolute stereochemistry.



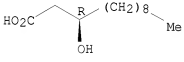

CM 8

Absolute stereochemistry. Rotation (-).



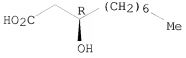

CM 9

Absolute stereochemistry. Rotation (-).



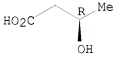

CM 10

Absolute stereochemistry. Rotation (-).

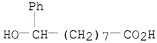


CM 11

Absolute stereochemistry. Rotation (-).



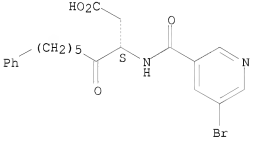
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ-hydroxy-
MF C15 H22 O3



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, β-[[(5-bromo-3-pyridinyl)carbonyl]amino]-
γ-oxo-, (βS)-
MF C21 H23 Br N2 O4

Absolute stereochemistry.



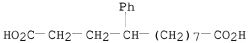
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Ethanaminium, N,N,N-triethyl-, salt with 7,9-diphenylhexadecanedioic acid
(1:1) (9CI)
MF C28 H37 O4 . C8 H20 N

CM 1

CM 2

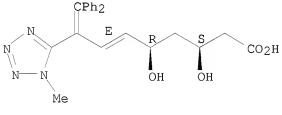
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Dodecanedioic acid, 4-phenyl-
MF C18 H26 O4
CI COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6,8-Nonadienoic acid, 3,5-dihydroxy-8-(1-methyl-1H-tetrazol-5-yl)-9,9-diphenyl-, sodium salt (1:1), (3R,5S,6E)-rel-
MF C23 H24 N4 O4 . Na

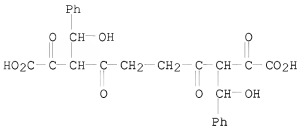
Relative stereochemistry.
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

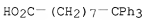
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Decanedioic acid, 3,8-bis(hydroxyphenylmethyl)-2,4,7,9-tetraoxo-

MF C24 H22 O10



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

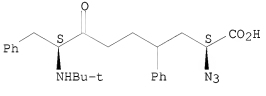
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ,θ-diphenyl-
MF C27 H30 O2



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

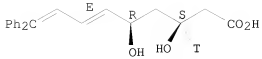
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN INDEX NAME NOT YET ASSIGNED
MF C25 H32 N4 O3

Absolute stereochemistry.



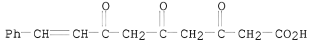
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6,8-Nonadienoic-3-t acid, 3,5-dihydroxy-9,9-diphenyl-, monosodium salt, [R*,S*-(E)]- (9CI)
MF C21 H21 O4 T . Na

Relative stereochemistry.
Double bond geometry as shown.



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

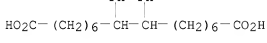
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 8-Nonenoic acid, 3,5,7-trioxo-9-phenyl-
MF C15 H14 O5



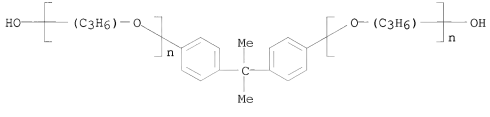
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,4-Benzenedicarboxylic acid, polymer with
1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid,
8,9-diphenylhexadecanedioic acid, α,α'-[(1-methylethylidene)di-
4,1-phenylene]bis[ω-hydroxypoly(oxy-1,2-ethanediyl)] and
α,α'-[(1-methylethylidene)di-4,1-phenylene]bis[ω-
hydroxypoly[oxy(methyl-1,2-ethanediyl)]] (9CI)
MF (C28 H38 O4 . C9 H4 O5 . C8 H6 O4 . (C3 H6 O)n (C3 H6 O)n C15 H16 O2 . (C2
H4 O)n (C2 H4 O)n C15 H16 O2)x
CI PMS

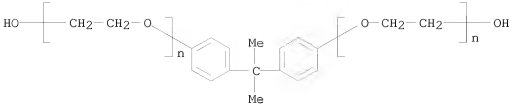
CM 1



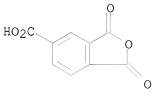
CM 2



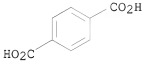
CM 3



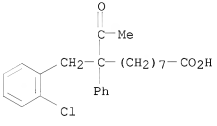
CM 4



CM 5



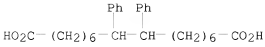
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenedecanoic acid, θ-acetyl-2-chloro-θ-phenyl-
MF C24 H29 Cl O3



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,2,4-Benzenetricarboxylic acid, polymer with 1,3-benzenedicarboxylic acid, 1,4-benzenedicarboxylic acid, Coronate L, 2,2-dimethyl-1,3-propanediol, 8,9-diphenylhexadecanedioic acid and 1,2-ethanediol (9CI)
MF (C28 H38 O4 . C9 H6 O6 . C8 H6 O4 . C8 H6 O4 . C5 H12 O2 . C2 H6 O2 . Unspecified)x
CI PMS

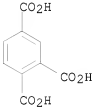
CM 1



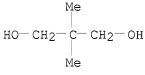
CM 2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

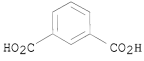
CM 3



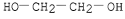
CM 4



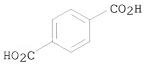
CM 5



CM 6

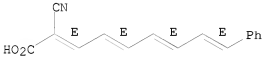


CM 7



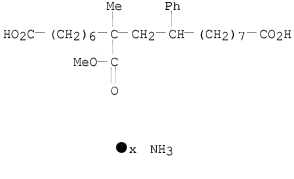
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2,4,6,8-Nonatetraenoic acid, 2-cyano-9-phenyl-, (all-E)- (9CI)
MF C16 H13 N O2

Double bond geometry as shown.

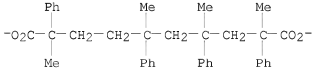


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

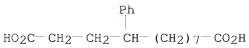
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,7,16-Hexadecanetricarboxylic acid, 7-methyl-9-phenyl-, 7-methyl ester, ammonium salt (1:?)
MF C27 H42 O6 . x H3 N



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Decanedioic acid, 2,4,6,9-tetramethyl-2,4,6,9-tetraphenyl-, ion(2-)
MF C38 H40 O4
CI COM

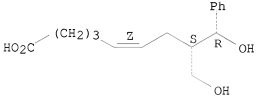


L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Dodecanedioic acid, 4-phenyl-, ammonium salt (1:2)
MF C18 H26 O4 . 2 H3 N



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 5-Nonenoic acid, 9-hydroxy-8-(hydroxymethyl)-9-phenyl-, [R*,S*-(Z)]-(+)-
(9CI)
MF C16 H22 O4

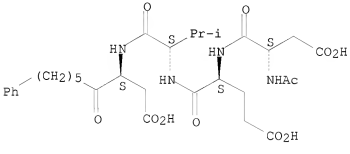
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

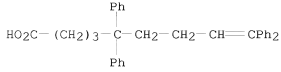
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Valinamide, N-acetyl-L-α-aspartyl-L-α-glutamyl-N-[(1S)-1-
(carboxymethyl)-2-oxo-7-phenylheptyl]- (9CI)
MF C31 H44 N4 O11

Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

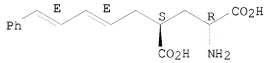
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 8-Nonenoic acid, 5,5,9,9-tetraphenyl- (7CI)
MF C33 H32 O2



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN D-Glutamic acid, 4-[(2E,4E)-5-phenyl-2,4-pentadien-1-yl]-, (4S)-
MF C16 H19 N O4

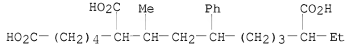
Absolute stereochemistry. Rotation (-).
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, thallium(1+) salt (1:1)
MF C15 H22 O2 . Tl

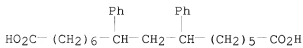
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,5,12-Tetradecanetricarboxylic acid, 6-methyl-8-phenyl-
MF C24 H36 O6
CI COM



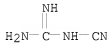
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 7,9-diphenyl-, polymer with (chloromethyl)oxirane, cyanoguanidine and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
MF (C28 H38 O4 . C15 H16 O2 . C3 H5 Cl O . C2 H4 N4)x
CI PMS

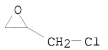
CM 1



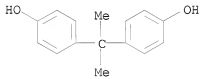
CM 2



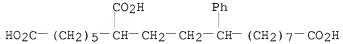
CM 3



CM 4



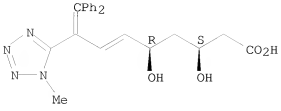
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,6,16-Hexadecanetricarboxylic acid, 9-phenyl-
MF C25 H38 O6
CI COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6,8-Nonadienoic acid, 3,5-dihydroxy-8-(1-methyl-1H-tetrazol-5-yl)-9,9-diphenyl-, (R*,S*)- (9CI)
MF C23 H24 N4 O4

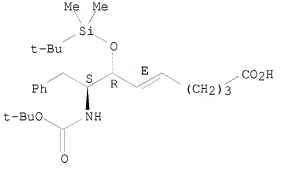
Relative stereochemistry.
Double bond geometry unknown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 5-Nonenoic acid, 8-[[(1,1-dimethylethoxy)carbonyl]amino]-7-[[(1,1-dimethylethyl)dimethylsilyl]oxy]-9-phenyl-, (5E,7R,8S)-
MF C26 H43 N O5 Si

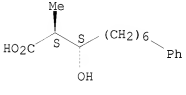
Absolute stereochemistry.
Double bond geometry as shown.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, β-hydroxy-α-methyl-, (R*,R*)- (9CI)
MF C16 H24 O3

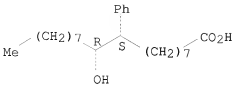
Relative stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ-[(1R)-1-hydroxynonyl]-, (θS)-
MF C24 H40 O3

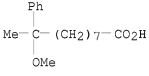
Absolute stereochemistry.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

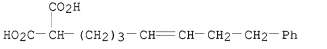
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1): 20

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ-methoxy-θ-methyl-
MF C17 H26 O3
CI COM



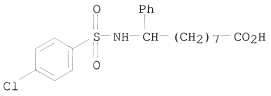

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 2-(7-phenyl-4-hepten-1-yl)-
MF C16 H20 O4



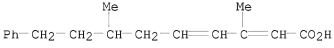

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ-[[(4-chlorophenyl)sulfonyl]amino]-
MF C21 H26 Cl N O4 S



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

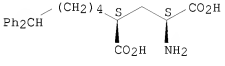
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2,4-Nonadienoic acid, 3,7-dimethyl-9-phenyl-
MF C17 H22 O2



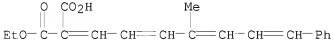
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Glutamic acid, 4-(5,5-diphenylpentyl)-, hydrochloride, (4S)- (9CI)
MF C22 H27 N O4 . Cl H

Absolute stereochemistry.



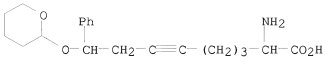
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 2-(4-methyl-7-phenyl-2,4,6-heptatrien-1-ylidene)-, 1-ethyl ester
MF C19 H20 O4



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6-Nonynoic acid, 2-amino-9-phenyl-9-[(tetrahydro-2H-pyran-2-yl)oxy]-
MF C20 H27 N O4

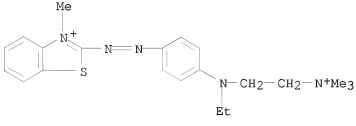
CI COM



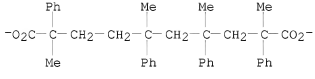
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzothiazolium, 2-[[4-[ethyl[2-(trimethylammonio)ethyl]amino]phenyl]azo]-3-methyl-, salt with 2,4,6,9-tetramethyl-2,4,6,9-tetraphenyldecanedioic acid (1:1) (9CI)
MF C38 H40 O4 . C21 H29 N5 S

CM 1

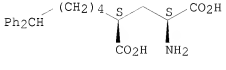


CM 2



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Glutamic acid, 4-(5,5-diphenylpentyl)-, (4S)-
MF C22 H27 N O4
CI COM

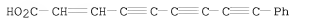
Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

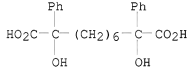
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN  2-Nonene-4,6,8-triynoic acid, 9-phenyl-
MF  C15 H8 O2



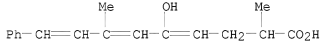
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20  204 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Decanedioic acid, 2,9-dihydroxy-2,9-diphenyl-
MF  C22 H26 O6



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

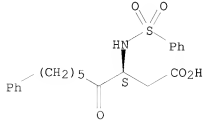
L20  204 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  4,6,8-Nonatrienoic acid, 5-hydroxy-2,7-dimethyl-9-phenyl-
MF  C17 H20 O3



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20  204 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN  Benzenenonanoic acid, γ-oxo-β-[(phenylsulfonyl)amino]-,
(βS)-
MF  C21 H25 N O5 S

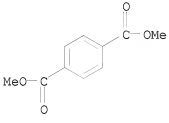
Absolute stereochemistry.



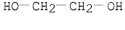
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,2-ethanediol and 3-[4-[1-methyl-1-[4-(oxiranylmethoxy)phenyl]ethyl]phenoxy]-1,2-propanediol 2,4,6,8-tetramethyl-2,4,6,8-tetraphenyldecanedioate (1:1) (9CI)
MF (C59 H66 O8 . C10 H10 O4 . C2 H6 O2)x
CI PMS

CM 1

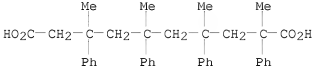


CM 2

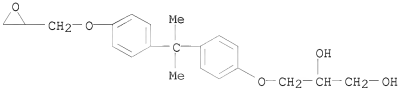


CM 3

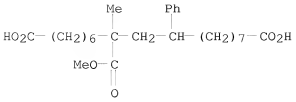
CM 4



CM 5



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1,7,16-Hexadecanetricarboxylic acid, 7-methyl-9-phenyl-, 7-methyl ester
MF C27 H42 O6
CI COM

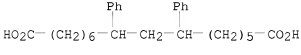


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Hexadecanedioic acid, 7,9-diphenyl-, homopolymer (9CI)
MF (C28 H38 O4)x
CI PMS

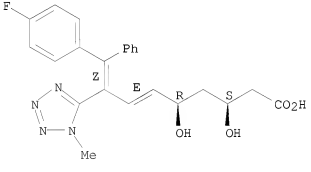
**RELATED POLYMERS AVAILABLE WITH POLYLINK**

CM 1



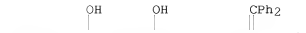
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6,8-Nonadienoic acid, 9-(4-fluorophenyl)-3,5-dihydroxy-8-(1-methyl-1H-tetrazol-5-yl)-9-phenyl-, (3R,5S,6E,8Z)-rel-
MF C23 H23 F N4 O4
CI COM

Relative stereochemistry.
Double bond geometry as shown.

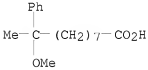


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

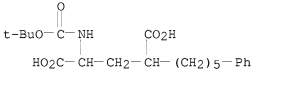
L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 6-Undecenoic acid, 8-(diphenylmethylene)-3,5-dihydroxy-10-methyl-, sodium salt (1:1)
MF C25 H30 O4 . Na



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Benzenenonanoic acid, θ-methoxy-θ-methyl-, ammonium salt (1:1)
MF C17 H26 O3 . H3 N



L20 204 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN L-Glutamic acid, N-[(1,1-dimethylethoxy)carbonyl]-4-(5-phenylpentyl)-, erythro- (9CI)
MF C21 H31 N O6



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

```
=> e nonenoic/cn
E1            1     NONENENITRILE/CN
E2            1     NONENETETROL/CN
E3            0 --> NONENOIC/CN
E4            1     NONENOIC ACID/CN
E5            1     NONENOIC ACID, (Z)-/CN
E6            1     NONENOIC ACID, 1,1A,1B,4,4A,5,7A,7B,8,9-DECAHYDRO-4A,7B-DIHY
                    DROXY-3-(HYDROXYMETHYL)-1,1,6,8-TETRAMETHYL-5-OXO-9AH-CYCLOP
                    ROPA(3,4)BENZ(1,2-E)AZULEN-9A-YL ESTER, (1AR-(1AA,1B.B
                    ETA.,4AB,7A.ALP/CN
E7            1     NONENOIC ACID, 2-METHYL-, METHYL ESTER/CN
E8            1     NONENOIC ACID, 3-((ACETYLOXY)METHYL)-1,1A,1B,4,4A,5,7A,7B,8,
                    9-DECAHYDRO-4A,7B-DIHYDROXY-1,1,6,8-TETRAMETHYL-5-OXO-9AH-CY
                    CLOPROPA(3,4)BENZ(1,2-E)AZULEN-9A-YL ESTER, (1AR-(1AA,
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                    1BB,4AB,7A/CN
E9            1     NONENOIC ACID, 3-(THIOCARBOXY)-/CN
E10           1     NONENOIC ACID, 3-HYDROXY-/CN
E11           1     NONENOIC ACID, 3-HYDROXY-, (3R)-/CN
E12           1     NONENOIC ACID, 3-HYDROXY-2-PHENYL-/CN

=> e 9-phenylnonoic/cn
E1            1     9-PHENYLNONANOL/CN
E2            1     9-PHENYLNONANOYL CHLORIDE/CN
E3            0 --> 9-PHENYLNONOIC/CN
E4            1     9-PHENYLNONYLAMINE/CN
E5            1     9-PHENYLOCTADECANE/CN
E6            1     9-PHENYLPHENALENONE/CN
E7            1     9-PHENYLPHENANTHRENE/CN
E8            1     9-PHENYLPROFLAVINE CONJUGATE MONOACID/CN
E9            1     9-PHENYLPURINE/CN
E10           1     9-PHENYLSELENOXANTHYLIUM PERCHLORATE/CN
E11           1     9-PHENYLSELENOXANTHYLIUM TRIIODIDE/CN
E12           1     9-PHENYLSTEARIC ACID/CN

=> e 9-phenylnonenoic/cn
E1            1     9-PHENYLNONANOL/CN
E2            1     9-PHENYLNONANOYL CHLORIDE/CN
E3            0 --> 9-PHENYLNONENOIC/CN
E4            1     9-PHENYLNONYLAMINE/CN
E5            1     9-PHENYLOCTADECANE/CN
E6            1     9-PHENYLPHENALENONE/CN
E7            1     9-PHENYLPHENANTHRENE/CN
E8            1     9-PHENYLPROFLAVINE CONJUGATE MONOACID/CN
E9            1     9-PHENYLPURINE/CN
E10           1     9-PHENYLSELENOXANTHYLIUM PERCHLORATE/CN
E11           1     9-PHENYLSELENOXANTHYLIUM TRIIODIDE/CN
E12           1     9-PHENYLSTEARIC ACID/CN

=> e 9-phenyl-8-nonenoic/cn
E1            1     9-PHENYL-7-OXONONANOIC ACID/CN
E2            1     9-PHENYL-7-THIA-8-FLUORANTHENONE/CN
E3            0 --> 9-PHENYL-8-NONENOIC/CN
E4            1     9-PHENYL-8-NONYN-1-OL/CN
E5            1     9-PHENYL-8-NONYNAL/CN
E6            1     9-PHENYL-8H-BENZO(F)PYRROLO(3,4-B)QUINOXALINE-8,10(9H)-DIONE
                    /CN
E7            1     9-PHENYL-9,10-DIHYDRO-9-STIBAANTHRACENE/CN
E8            1     9-PHENYL-9,10-DIHYDROACRIDINE/CN
E9            1     9-PHENYL-9,10-DIHYDROBENZ(C)ACRIDINE/CN
E10           1     9-PHENYL-9-BARBARALYL CATION/CN
E11           1     9-PHENYL-9-BORABARBARALANE/CN
E12           1     9-PHENYL-9-BORABICYCLO(3.3.1)NONANE/CN

=> logoff hold
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                  ENTRY    SESSION
FULL ESTIMATED COST                               214.68     515.81

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
                                                  ENTRY    SESSION
CA SUBSCRIBER PRICE                                 0.00      -3.28

 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:13:32 ON 17 JUN 2009
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